



NIH's Student Laboratory Safety Program

Safe Techniques Advance Research Science

Safe Science is Good Science.

Last Updated: May 4, 2006

Effective Through: August 31, 2006

<http://dohs.ors.od.nih.gov/>



Welcome

This program stands on its own as the only safety training course specifically designed and developed for young research scientists, ages 21 and under, working in biomedical research laboratories at the National Institutes of Health (NIH).

Goals

- 1) To provide students with the knowledge of a broad range of safety topics applicable to a biomedical research facility.
- 2) To foster critical thinking and problem solving skills vital to potential hazard recognition and accident prevention.

Students will learn how important it is for each person to stop, think, and apply safe laboratory practices when working at the NIH.

Training

To accomplish these training goals, the program is organized into three separate, but related, components.

1. **Computer-based training (REQUIRED)**
2. **Classroom-based training (REQUIRED)**
3. **Hands-on laboratory training (RECOMMENDED)**

To register, visit: <http://www.ors.od.nih.gov/labsafety/>

Special Note

Young researchers must complete required training prior to working with potentially hazardous materials. Training can be completed after initial assignment at the NIH if supervisors ensure employees do not work with potentially hazardous materials prior to training.

What You Need to Know

Program Components

1. Computer-based Training

If you are new to working in an NIH laboratory, you are **required** to complete: *Introduction to Laboratory Safety*.

This computer-based course provides an overview of basic laboratory safety rules including an introduction to common chemical, biological, and physical hazards.

A training certificate is printable at the completion of this course.

If you are returning to NIH, and you have completed *Introduction to Laboratory Safety* within the past three years, you are **required** to complete the computer-based training course: *Refresher Laboratory Safety Training*.

2. Classroom Training

Whether you are new to NIH or a returning researcher – if you are ages 21 and under, you are **required** to attend the classroom training *Student Safety in the Laboratory*.

This course is taught by occupational safety and health professionals who have practical working laboratory experience.

A broad range of laboratory safety topics will be covered including, but not limited to: the principles of biosafety; chemical handling and use; common laboratory hazards; and emergency preparedness.

Learning objectives will be met through active dialogue between students and teachers, review of real laboratory photos, and group discussion.

To demonstrate material comprehension, attendees must complete a quiz. An 85% minimum passing grade is required.

If attendees require additional follow-up due to a low-scoring quiz grade, they can work one-on-one with the course instructors or attend the classroom training a second time.

3. Hands-on Training

Participation in this course is **voluntary**, but strongly recommended.

This course, taught by experienced laboratory professionals, is a hands-on approach to learning safe science.

Practical laboratory safety skills will be demonstrated and practiced. Attendees will have the opportunity to work in a laboratory hood and in a biosafety cabinet, manipulate chemical and biological reagents, and work with equipment commonly used in a biomedical research laboratory.

Each class is limited to 10 students.

Course Offerings

To register for laboratory safety training, go to:
<http://www.ors.od.nih.gov/labsafety>

Classroom training is offered on the following dates:

Thur, May 4	1:30 – 3:00 PM	Cancelled
Tue, May 9	1:30 – 3:00 PM	Bldg 21, Rm 237
Thur, May 18	1:30 – 3:00 PM	Bldg 21, Rm 237
Wed, May 24	9:00 – 10:30 AM	Bldg 10, Lipsett
Wed, May 31	9:00 - 10:30 AM	Bldg 10, Lipsett
Thur, Jun 1	9:00 - 10:30 AM	Bldg 10, Lipsett
Tue, Jun 6	2:00 - 3:30 PM	Bldg 10, Masur
Wed, Jun 7	9:00 - 10:30 AM	Bldg 10, Masur
Tue, Jun 13	3:30 - 5:00 PM	Bldg 10, Lipsett
Wed, Jun 14	9:00 - 10:30 AM	Bldg 10, Masur
Tue, Jun 20	2:00 – 3:30 PM	Bldg 10, Lipsett
Wed, Jun 21	9:00 - 10:30 AM	Bldg 10, Lipsett
Tue, Jun 27	2:00 - 3:30 PM	Bldg 10, Lipsett
Wed, Jun 28	9:00 - 10:30 AM	Bldg 10, Lipsett
Thur, Jun 29	9:00 - 10:30 AM	Bldg 10, Lipsett
Wed, Jul 12	1:00 - 2:30 PM	Bldg 21, Rm 237
Thur, Jul 13	2:00 - 3:30 PM	Bldg 21, Rm 237
Tue, Jul 18	2:00 - 3:30 PM	Bldg 21, Rm 237
Wed, Jul 19	1:00 - 2:30 PM	Bldg 21, Rm 237
Thur, Jul 20	2:00 - 3:30 PM	Bldg 21, Rm 237
Wed, Jul 26	1:00 - 2:30 PM	Bldg 21, Rm 237
Thur, Aug 2	9:00 - 10:30 AM	Bldg 21, Rm 237

Depending on the research assignment, additional training may be required. For example, safety-related training that covers bloodborne pathogens, animal care and use, or radioactive material use.

For more information, visit: http://dohs.ors.od.nih.gov/Resources_main.htm

Hands-on training is offered on the following dates:

Wed, Jun 7	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Thur, Jun 8	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Wed, Jun 14	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Thur, Jun 15	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Wed, Jun 21	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Thur, Jun 22	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Wed, Jun 28	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Thur, Jun 29	1:30 – 3:00 PM	Bldg 10, Rm B1C 218
Wed, Jul 12	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Thur, Jul 13	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Wed, Jul 19	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Thur, Jul 20	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Wed, Jul 26	9:30 – 11:00 AM	Bldg 10, Rm B1C 218
Thur, Jul 27	9:30 – 11:00 AM	Bldg 10, Rm B1C 218

Please Note

Room B1C 218 is located in the lower level of the atrium in Building 10.

Individuals needing special assistance such as sign language, oral interpretation, or other reasonable accommodations should contact Toni Ellis at (301) 496-3353 at least two weeks prior to the scheduled course.

For more information about the student laboratory safety program, contact 301-496-2960 or visit: <http://dohs.ors.od.nih.gov/index.htm>.

For more information about the NIH campus, visit: <http://www.ors.od.nih.gov/infoline/index.htm>

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